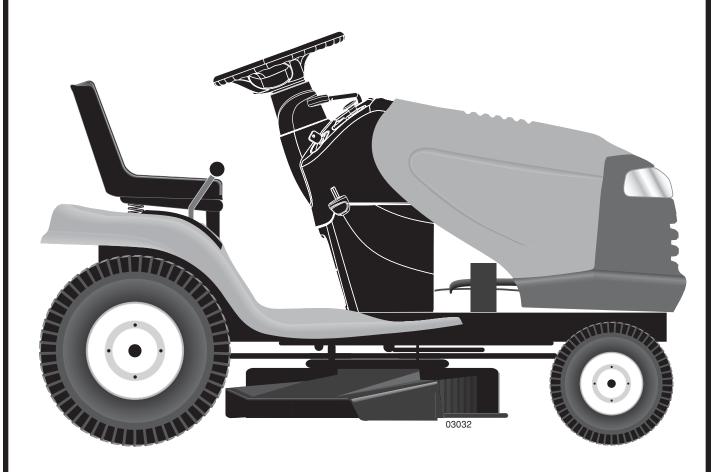
# Poulan PRO



**REPAIR PARTS MANUAL** 

**MODEL:** 

## PB20H42YT LAWN TRACTOR

A

#### **WARNING:**

Read this Manual and follow all Warnings and Safety Instructions. Failure to do so can result in serious injury.

**ALWAYS WEAR EYE PROTECTION DURING OPERATION** 

Visit our website: www.poulan-pro.com

532 43 88-79

#### **HOW TO USE THIS MANUAL**

This manual is designed to provide the customer with a means to identify the parts on his/her tractor when ordering repair parts. The illustrations may or may not represent the actual assemblies; therefore, it is not recommended to use this manual as a guide to assemble or disassemble the tractor. Some hardware and parts are drawn larger in order to more readily identify them.

Each tractor has its own model number.

The model number for your tractor can be found on the fender under the seat.

When ordering parts, always give the following information:

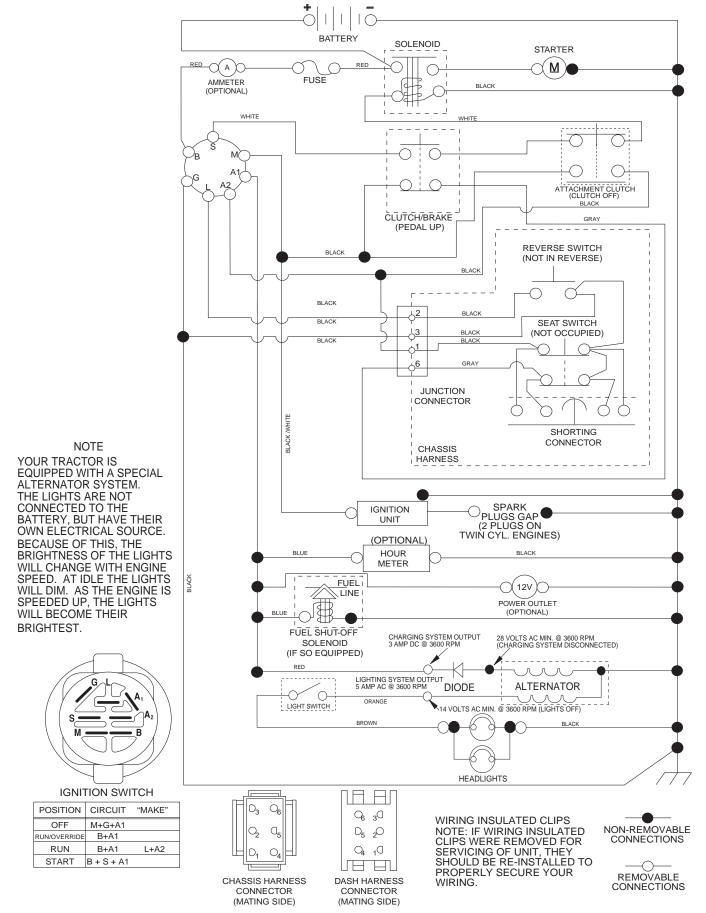
- Product "TRACTOR"
- MODEL NUMBER "PB20H42YT (96048000500)"
- Part Number
- · Part Description

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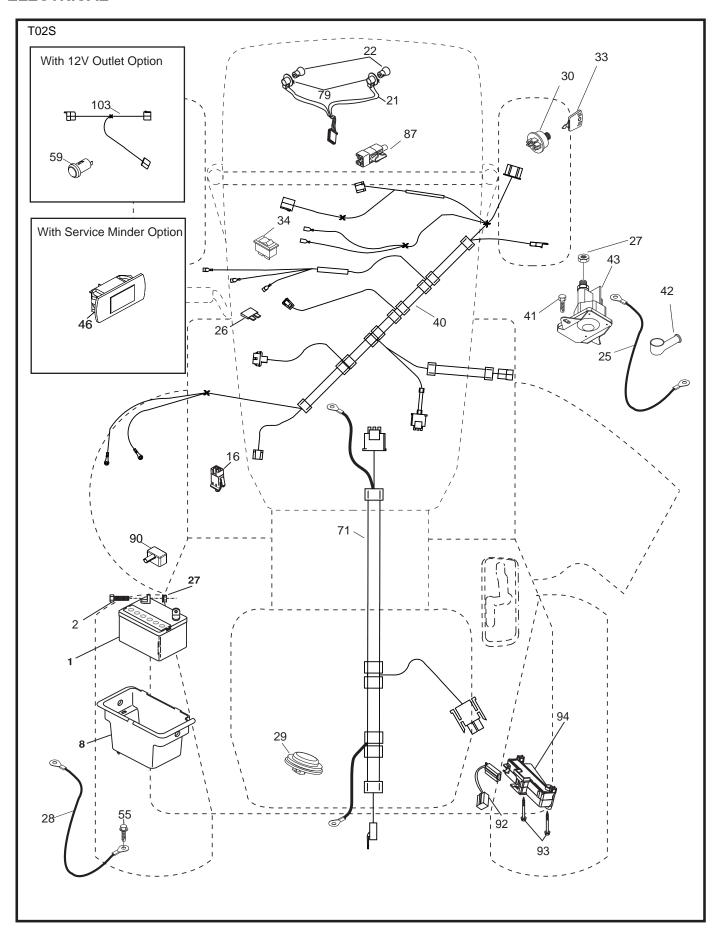
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#### TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 SCHEMATIC

SCH11



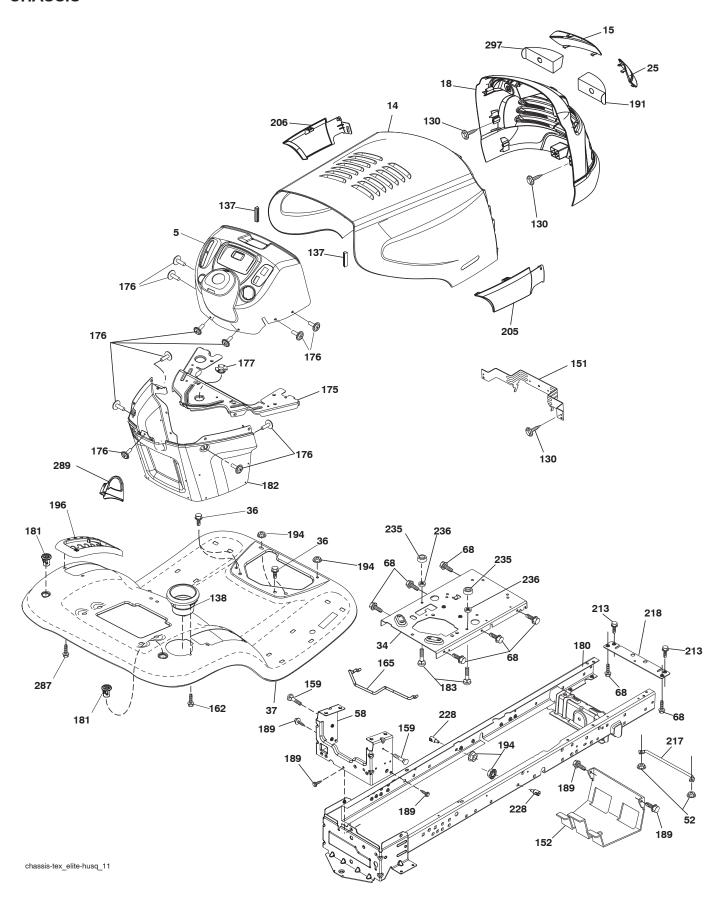
TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 ELECTRICAL



#### TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 ELECTRICAL

	PART NO.	DESCRIPTION
1	532 16 34-65	Battery
2	874 76 04-12	Bolt Hex Head 1/4-20 x 3/4
8	532 19 32-28	Box Battery
16		Switch Interlock Push-In
21	532 18 37-59	Harness Socket Light w/4152J
22		Bulb Light
25	532 41 28-94	Cable Starter
26		Fuse
27	873 51 04-00	Nut Keps Hex 1/4-20 unc
28		Cable, Ground
29 30		Switch, Seat
33		Switch, Ignition Key/Chain
34	532 41 19-35	Switch Light/Reset
40	532 40 10-98	Harness Ignition Dash
41	817 72 04-08	Screw Thd Cut 1/4-20 x 1/2
42		Cover, Terminal
43		Solenoid
46	532 40 17-63	Gauge SRVCMNDR HRMTR
55	817 06 05-12	Screw Thdrol 5/16-18 x 3/4 TYTT
71	532 40 04-49	Harness Ignition
79	532 17 52-42	Socket Asm Bulb Twistlock
87	532 19 78-02	Switch Interlock Clutch Cable
90	532 43 53-95	Cover Terminal Battery
92	532 19 66-15	Harness Pigtail Console ROS
93	532 19 25-40	Screw Plastite 10-14 x 2.0
94	532 19 18-34	Module Reverse ROS

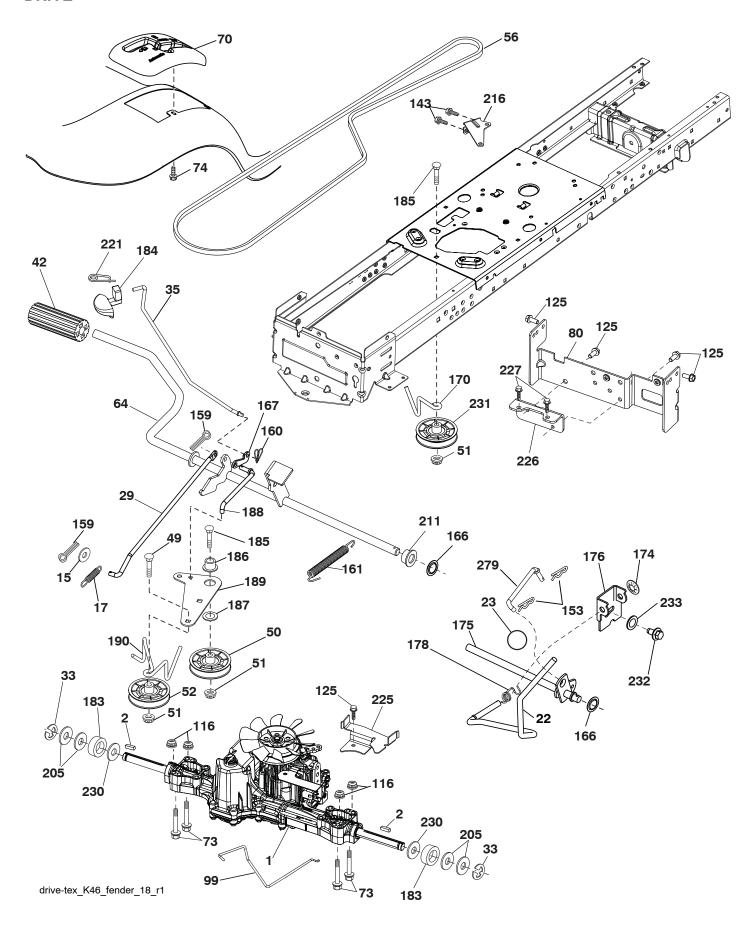
TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 CHASSIS



## TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 CHASSIS

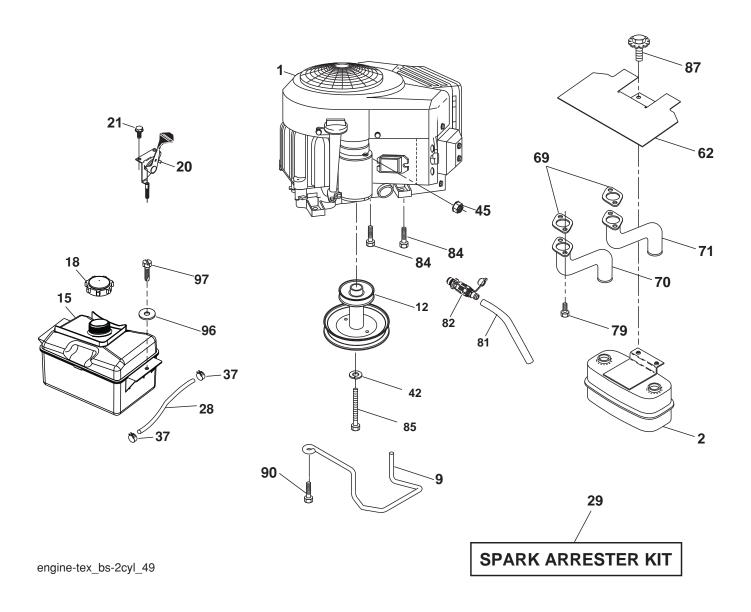
KEY NO.	PART NO.	DESCRIPTION
5	532 43 27-79	Dash Upper Tex Elite EL CK 428
14 15	532 43 91-57 532 18 99-82	Hood Pnt Elite Spl-Tp W-Skirts Lens Elite-Husq Clear LH
18	532 43 27-78	Grille
25	532 18 99-81	Lens Elite-Husq Clear RH
34	532 19 61-25	Plate Engine Welded Chassis
36	817 06 05-12	Screw 5/16-18 x 3/4 SMGML Tap/R
37 52	532 43 65-23 873 68 05-00	Fender Tlt W/CPH W/FW 421 Nut, Hex, Crownlock 5/16-18
58	532 41 22-80	Drawbar Upper 2PC SML Fender
68	817 49 05-08	Screw Thdrol 5/16-18 x 1/2 TYTT
130	532 41 63-58	Screw
137 138	532 18 49-21 532 40 97-30	Bumper Hood Large 1 75" Cupholder TI Tex 428
151		Bracket Pivot Lasr/Elte/Husqlt
152		Shield Browning W/Tex
159		Screw 3/8-16 x 3/4
162		Screw Hex Wsh Hi-Lo 1/4 x 1/2 Unc
175 176		Crossmember Lt Screw #10-24X5/8 RND QUDRX GIM
177		Bushing Steering Yt/Gt
180	532 41 50-63	Chass Wldmt TI 12 Ga/2Pc 18/22"
181		Bushing Mnt Fend Crgo Blk Tex
182 183	532 19 30-57 874 52 05-20	Dash Lower LT CCS
189		Bolt 5/16-18 x 1-1/4 Screw 5/16-18 x 3/4 SMGML TAP/BL
191	532 41 65-00	Insert Reflective RH
194	873 90 05-00	Nut, Lock Hex Flange 5/16-18 Unc
196	532 41 45-79	Console Asm Decklft Bl/Rbt Tlt
205 206	532 42 47-47 532 42 47-48	Skirt Side RH Elite Husq 428 Skirt Side LH Elite Husq 428
213	874 76 05-12	Bolt, Hex Head 5/16-18 x 3/4
217	532 40 91-67	Rod Pivot Hood
218	532 19 63-95	X-Piece Hood Stop Non/Stealth
228 235	532 19 51-61	Stud Fastner W/'D'anti-Rotatio
236	532 40 61-29 873 93 05-00	Spacer Fender Nut Center Lock 5/16-18 unc
287		Screw Hex Washead 1/4-20 x 3/8
289	532 43 27-81	Plug Cruise Hook Phone
297	532 18 82-67	Insert Lens RFLCT ELT-Husq

TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 DRIVE



#### TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 DRIVE

## TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 ENGINE



#### TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 ENGINE

<b>KEY</b>	PART	
NO.	NO.	DESCRIPTION
1		Engine B8S Model No. 406777-1518-B1
2	532 14 97-23	Muffler
9	532 19 43-20	Keeper Belt Engine
12	532 40 54-71	Pulley Engine
15	532 40 74-89	Tank Fuel
18	532 43 02-20	Cap Fuel
20	532 42 35-02	Control Throttle/Choke
21	532 41 63-58	Screw #10 x 0.750 BOS Thread
28	532 40 11-37	Fuel Line
29	532 13 71-80	Spark Arrester Kit
37	532 12 34-87	Clamp Hose
42	810 04 07-00	Washer Lock 7/16
45		Nut Keps Hex 1/4-20 unc
	532 43 40-17	Shield Heat Muffler
69		Gasket
	532 15 99-55	Exhaust Tube LH
71		
79		Screw Socket HD 5/16-18 x 1
	532 14 84-56	Tube Drain Oil Easy
82		Valve Drain Oil
84		Screw 3/8-16 x 1-1/4
85		Bolt 7/16-20 x 4 x Gr. 5-1.5
87		Bolt 5/16-18 unc x 3/4
90		Screw 3/8-16 x 1
96		Washer 9/32 x 7/8 x 16 Ga.
97	817 67 04-12	Screw 1/4-20 x 3/4

**NOTE:** All component dimensions given in U.S. inches 1 inch = 25.4 mm

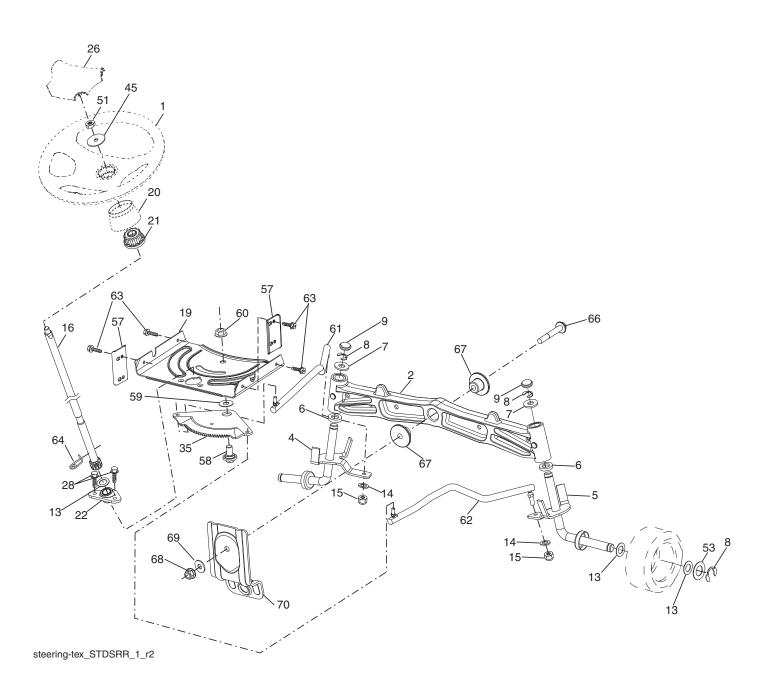
For engine service and replacement parts, call the toll free number for your engine manufacturer listed below:

Briggs 8 Stratton 1-800-233-3723

#### **Engine Power Rating Information**

The gross power rating for individual gas engine models is labeled in accordance with SAE (Society of Automotive Engineers) code J1940 (Small Engine Power & Torque Rating Procedure), and rating performance has been obtained and corrected in accordance with SAE J1995 (Revision 2002-05). Torque values are derived at 3060 RPM; horsepower values are derived at 3600 RPM. Actual gross engine power will be lower and is affected by, among other things, ambient operating conditions and engine-to-engine variability. Given both the wide array of products on which engines are placed and the variety of environmental issues applicable to operating the equipment, the gas engine will not develop the rated gross power when used in a given piece of power equipment (actual "on-site" or net power). This difference is due to a variety of factors including, but not limited to, accessories (air cleaner, exhaust, charging, cooling, carburetor, fuel pump, etc.), application limitations, ambient operating conditions (temperature, humidity, altitude), and engine-to-engine variability. Due to manufacturing and capacity limitations, Briggs & Stratton may substitute an engine of higher rated power for this Series engine.

## TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 STEERING ASSEMBLY

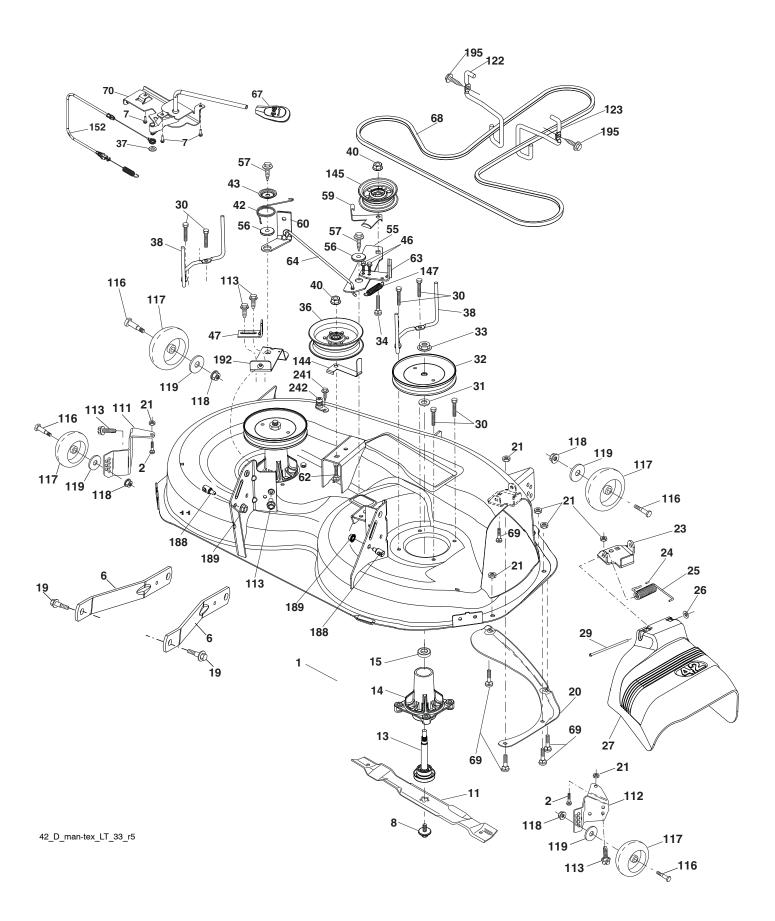


## TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 STEERING ASSEMBLY

KEY NO.	PART NO.	DESCRIPTION
1	532 42 45-51	Wheel, Steering
2	532 19 59-68	Axle Asm., Front
4	532 40 30-87	Spindle Asm., LH
5	532 40 30-88	Spindle Asm., RH
6	532 12 49-31	Bearing, Race Thrust Harden
7	532 12 17-48	Washer 25/32 x 1-5/8 x 16 Ga.
8	812 00 00-29	Ring, Clip #T5304-75
9	532 12 12-32	Cap, Spindle
13	532 12 17-49	Washer 25/32 x 1-1/4 x 16 Ga.
14	810 04 06-00	Washer, Lock Hvy Hlcl Spr 3/8
15	873 54 06-00	Nut, Crown Lock 3/8-24 unf
16	532 40 82-19	Shaft Steering
19	532 19 47-29	Plate Steering
20	532 43 27-84	Boot, Steering
21	532 18 67-37	Adapter, Wheel Steering
22	532 42 05-37	Steering Support Lower
26	532 42 45-53	Insert, Wheel Steering
28	817 00 06-12	Screw 3/8-16 x 3/4
35	532 19 47-32	Gear, Sector Plate
45	819 18 38-12	Washer 9/16 ID x 2-3/8 x 12 Ga.
51	873 94 08-00	Nut Hex Jam Toplock 1/2-20 unf
53	532 18 89-67	Washer Hardened .793 x 1.637 x .060
57	532 40 74-65	Bracket Upstop
58	532 19 47-47	Bolt Shoulder Sector Pivot CFM
59	532 19 47-48	Washer Thrust Sector Steering
60	873 97 10-00	Nut Flange Lock 5/8-11
61	532 19 47-40	Draglink, LH
62 63	532 19 47-41	Draglink, RH
64	817 00 05-12 532 19 98-49	Screw 5/16-18 x 3/4
66		Retainer Clip Spring Steering
67	871 02 07-48	Bolt Hex Fghd 7/16-14 x 3 Serr
68	532 19 47-37 873 90 07-00	Bushing PM Front Axle
69	532 19 91-62	Nut Lock Flange 7/16-14 Gr. 5 Washer 1.5 x .505 x .118
70	532 19 91-02	Bracket Deck Susp. Front
70	332 18 01-87	Diacket Deck Susp. Florit

**NOTE:** All component dimensions given in U.S. inches 1 inch = 25.4 mm

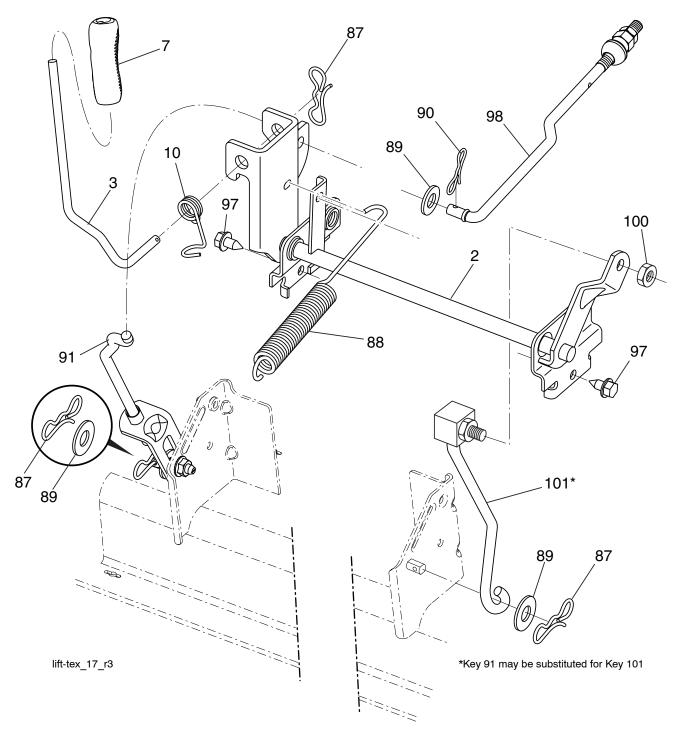
## TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 MOWER DECK



## TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 MOWER DECK

KEY NO.	PART NO.	DESCRIPTION		PART NO.	DESCRIPTION
1	532 19 64-95	Mower Housing	57	817 00 06-16	Screw Hexwsh Thd 3/8-16 x 1
2	872 14 05-06	Bolt Rdhd 5/16-18 x 3/4	59	532 14 10-43	Guard, Tuv Idler (94)
6	532 19 51-86	Arm Suspension	60	532 19 72-61	Arm Brake Mower
7	532 41 63-58	Screw #10 x 0.750 BOS Thread	62	872 11 06-16	Bolt Rdhd Sqnk 3/8-16 unc x 2
8	532 19 30-03	Bolt/Washer Asm 7/16-20 unf	63	532 19 94-77	Arm Brake Mower
11	532 13 89-71	Blade, 42" Hi-Lift	64	532 19 97-90	Linkage Brake
	002 10 00 11	(For bagging or discharge)	67	532 40 30-12	Handle, Clutch Cable
	532 13 97-75	Blade, 42" Mulching Premium	68	532 42 96-36	V-Belt
		(For better wear when mulching)	69	872 14 05-05	Bolt Rdhd Sqnk 5/16-18 x 5/8
	532 13 41-49	Blade, 42" Mulching Std	70	532 19 97-79	Clutch Asm. Manual
		(For mulching mowers only)	111	532 40 47-84	Bracket Wheel Gauge LH
	532 42 47-52	Blade 42SP" 3N1	112	532 40 47-85	Bracket Wheel Gauge RH
	532 42 27-19	Blade 42SP" Premium		817 00 05-10	Screw 5/16-18
13	532 19 28-72	Shaft Assembly, Mandrel	116		Bolt Shoulder "A" 2.41 "B" 1.66
14	532 18 72-81	Housing, Mandrel	117	532 18 86-06	Wheel Gage
15	532 11 04-85	Bearing, Ball, Mandrel	118	873 93 06-00	Nut Centerlock 3/8-16 unc
19	532 19 65-39	Bolt, Shoulder	119	819 12 14-14	Washer 3/8 x 7/8 x 14 Ga.
20	532 15 97-70	Baffle, Vortex	122	532 19 72-58	Keeper Belt Eng. LH
21	873 68 05-00	Nut, Crownlock 5/16-18 unc	123	532 19 72-59	Keeper Belt Eng. RH
23	532 19 25-57	Bracket, Deflector	144	532 19 92-04	Keeper Belt
24	532 10 53-04	Cap, Sleeve	145	532 19 31-97	Pulley Idler Primary
25	532 19 70-26	Spring, Torsion, Deflector	147	532 40 19-71	Spring Return
26	532 11 04-52	Nut, Push	152	532 43 51-11	Cable Clutch Manual w/Spr.
27	532 40 30-04	Shield, Deflector	188	532 19 51-61	Stud Fastener
29	532 13 14-91	Rod, Hinge	189	873 90 05-00	Nut Lock Hex Flange
30	532 17 39-84	Screw Thdrol Rolling Wsh Hd	192	532 19 72-60	Bracket Brake Stand LH
31	532 18 76-90	Washer, Spacer	195	817 00 06-12	Screw Hexwsh Thdr 3/8-16 x 3/4
32	532 19 74-73	Pulley, Mandrel	241		Screw #10-32.5 3/8 Flange
33	532 40 02-34	Nut, Toplock, Flanged	242		Port Washout
34	872 11 06-12	Bolt Carr Sh. 3/8-16 x 1-1/2 Gr. 5		532 41 64-05	Coupling Quick Connect
36	532 19 73-79	Pulley, Idler 4.50 RAW		532 19 28-70	Mandrel Assembly (Includes hou-
37	819 13 13-16	Washer 13/32 x 13/16 x 16 Ga.			sing, shaft assembly, and bearing
38	532 43 25-20	Keeper Belt Mandrel			only-pulley/nut/washer and blade
40	873 90 06-00	Nut, Lock Flg. 3/8-16 unc			bolt/washers not included)
42	532 19 84-10	Spring Torsion Brake		532 43 25-66	Replacement Mower, Complete
43	532 19 72-56	Spring Torsion Retainer			
46	532 13 77-29	Screw Thd Roll 1/4-20 x 5/8			
47	532 19 72-50	Bracket Clutch Cable			
55	532 43 71-10	Arm, Idler	NOT		dimensions given in U.S. inches
56	532 19 90-92	Spacer, Retainer		1 inch = 25.4 r	nm

#### TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 MOWER LIFT



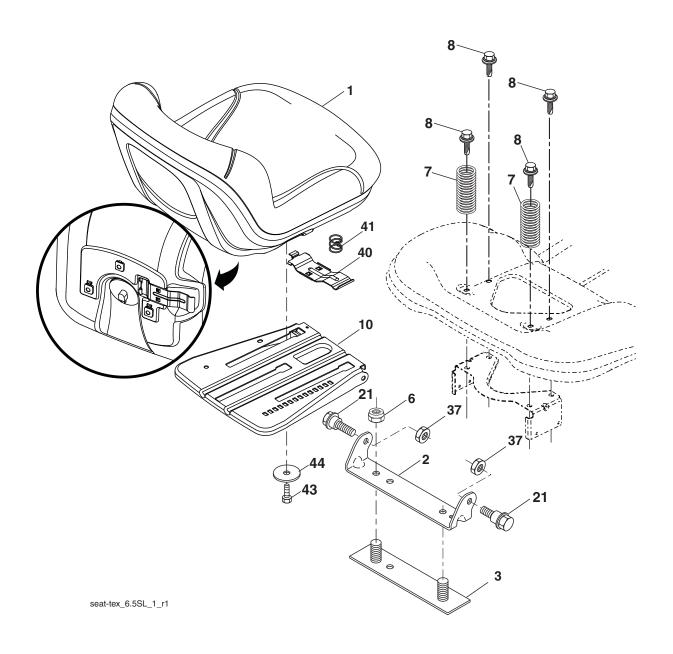
KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
2	532 42 20-27	Shaft Asm., Lift	97	817 00 06-12	Screw 3/8-16 x .75 Smgml Tap/R.Z
3	532 19 52-31	Lever Asm., Lift RH	98	532 19 52-70	Link Lift Susp. Front Mower
7	532 41 15-55	Grip, Lever	100	873 93 06-00	Nut Centerlock 3/8-16 unc
10	532 19 63-14	Spring Torsion	101	532 40 70-03	Link Asm. Lift Fixed
87	532 19 42-09	Pin Cotter 7/16 Bow Tie Lock			
88	532 41 07-10	Spring Lift Assist			
89	819 19 19-12	Washer Clear Zinc	NOTE	E: All component	dimensions given in U.S. inches
90	532 19 42-08	Pin Cotter 5/16 Bow Tie Lock	11011	1 inch = 25.4 m	
04	E00 40 E4 04	Link Anna Lift Dans		1 111011 - 20.7 111	1111

Link Asm. Lift Rear

91

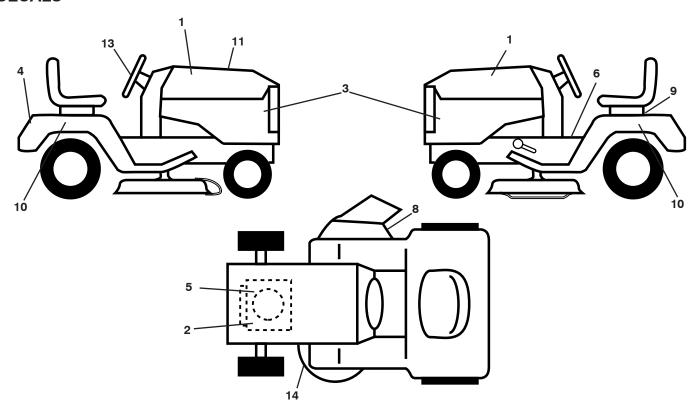
532 19 51-81

#### TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 **SEAT ASSEMBLY**



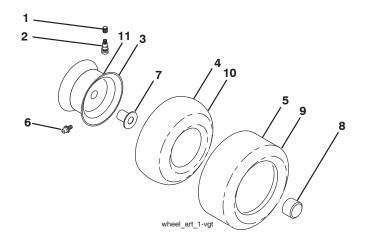
KEY	PART		KEY	PART	
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	532 40 66-23	Seat	37	873 80 05-00	Nut, Lock 5/16-18 unc
2	532 18 01-66	Bracket Pivot Fender	40	532 19 76-61	Handle Slide Seat
3	532 14 06-75	Strap, Asm Fender	41	532 19 82-00	Spring Latch Seat
6	873 80 06-00	Nut, Lock w/Ins. 3/8-16 unc	43	874 76 06-12	Bolt Fin Hex 3/8-16 unc x 3/4
7	532 12 41-81	Spring, Seat Cprsn	44	819 13 38-12	Washer 13/32 x 2-3/8 x 12 Ga.
8	532 17 18-77	Bolt 5/16-18 unc x 3/4 w/Sems			
10	532 19 69-77	Pan, Seat	NOT		dimensions given in U.S. inches
21	532 17 18-52	Bolt, Shoulder 5/16-18		1 inch = 25.4 mm	1

## TRACTOR - MODEL NO. PB20H42YT (96048000500), PRODUCT NO. 960 48 00-05 DECALS



	PART NO.	DESCRIPTION		PART NO.	DESCRIPTION
1 2 3 4 5 6 8 9	532 43 01-13 532 43 52-86 532 43 85-07 532 43 01-12 532 42 88-38 532 41 16-58 532 17 05-63 532 14 50-05	Decal, Hood RH/LH Decal, Warn. Spark Decal, Side Panel Decal, Fender Decal, Eng H.P. Decal, Fender Operator's Decal, Warning Decal, Battery Dnge/Poi	10 11 13 14  	532 43 02-55 532 43 88-06 532 43 01-11 532 16 03-96 532 16 69-60 532 41 12-73 532 40 95-05 532 43 88-78 532 43 88-79	Decal, Fender SD RH/LH Decal, Replacement Decal, Steering Wheel Decal, Mower Schematic Decal, Bypass Pad, Footrest RH Pad, Footrest, LH Manual, Operator's (Eng/Fre) Manual, Parts (English)

#### **WHEELS AND TIRES**



KEY NO.	PART NO.	DESCRIPTION
1	532 05 91-92	Cap, Valve, Tire
2	532 06 51-39	Stem, Valve
3	532 10 67-32	Rim Assembly, Front
4	532 05 99-04	Tube, Front
5	532 10 62-22	Tire, Front
6	532 12 49-57	Fitting, Grease
7	532 12 49-59	Bearing, Flange
8	532 17 50-39	Cap, Axle (Front Wheel Only)
9	532 42 05-31	Tire, Rear 18 x 9.5-8 Turf Saver
10	532 12 49-26	Tube, Rear
11	532 10 61-08	Rim Assembly, Rear
	532 14 43-34	Sealant, Tire (10 oz. Tube)

#### **SERVICE NOTES**

#### LIMITED WARRANTY

The Manufacturer warrants to the original consumer purchaser that this product as manufactured is free from defects in materials and workmanship. For a period of two (2) years from date of purchase by the original consumer purchaser, we will repair or replace, at our option, without charge for parts or labor incurred in replacing parts, any part which we find to be defective due to materials or workmanship. This Warranty is subject to the following limitations and exclusions.

- 1. This warranty does not apply to the engine, transaxle/transmission components, battery (except as noted below) or components parts thereof. Please refer to the applicable manufacturer's warranty on these items.
- Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by the manufacturer.
- 3. Battery Warranty: On products equipped with a Battery, we will replace, without charge to you, any battery which we find to be defective in manufacture, during the first ninety (90) days of ownership. After ninety (90) days, we will exchange the Battery, charging you 1/12 of the price of a new Battery for each full month from the date of the original sale. Battery must be maintained in accordance with the instructions furnished.
- 4. The Warranty period for any products used for rental or commercial purposes is limited to 90 days from the date of original purchase.
- 5. This Warranty applies only to products which have been properly assembled, adjusted, operated, and maintained in accordance with the instructions furnished. This Warranty does not apply to any product which has been subjected to alteration, misuse, abuse, improper assembly or installation, delivery damage, or to normal wear of the product.
- Exclusions: Excluded from this Warranty are belts, blades, blade adapters, normal wear, normal adjustments, standard hardware and normal maintenance.
- In the event you have a claim under this Warranty, you must return the product to an authorized service dealer.

Should you have any unanswered questions concerning this Warranty, please contact:

HOP Outdoor Products Customer Service Dept. 9335 Harris Corners Parkway Charlotte, NC 28269 USA In Canada contact: HOP 5855 Terry Fox Way Mississauga, Ontario L5V 3E4

giving the model number, serial number and date of purchase of your product and the name and address of the authorized dealer from whom it was purchased.

THIS WARRANTY DOES NOT APPLY TO INCIDENTAL OR CONSEQUENTIAL DAMAGES AND ANY IMPLIED WARRANTIES ARE LIMITED TO THE SAME TIME PERIODS STATED HEREIN FOR OUR EXPRESSED WARRANTIES. Some areas do not allow the limitation of consequential damages or limitations of how long an implied Warranty may last, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may have other rights which vary from locale to locale.

This is a limited Warranty within the meaning of that term as defined in the Magnuson-Moss Act of 1975.

